

### Abstract

External energy is fed to N-[3-{3,5-bis{3,5-bis[3,5-bis(4-mercaptobenzylthio)benzylthio]benzyloxy}-propionyl-4-nitro-1-naphthylamine (18a) being a molecule  
5 capable of photosensitization as an intermediate excitation medium, fixed on support (12) of a metal, so as to photosensitized molecule of excited triplet state (18b), thereby inducing an excited triplet energy transfer from this photosensitized molecule to first molecule (28a) having  
10 a residue capable of bonding. The first molecule (28b) having thus been excited by the excited triplet energy transfer is bonded with second molecule (30) having a residue capable of bonding which is a bonding object to be bonded with the first molecule.